(11) EP 1 152 120 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 12.06.2002 Bulletin 2002/24

(51) Int CL7: **E21B 43/10**, E21B 43/08

- (43) Date of publication A2: 07.11.2001 Bulletin 2001/45
- (21) Application number: 01304042.3
- (22) Date of filing: 03.05.2001
- (84) Designated Contracting States:

 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

 MC NL PT SE TR

 Designated Extension States:

 AL LT LV MK RO SI
- (30) Priority: 05.05.2000 US 565899
- (71) Applicant: Halliburton Energy Services, Inc. Dallas, Texas 75381-9052 (US)
- (72) Inventors:
 - Castano-Mears, Ana M.
 Coppell, Texas 75019 (US)
 - Gano, John C.
 Carroliton, Texas 75007 (US)
 - Echols, Raiph H.
 Carrollton, Texas 75287 (US)
- (74) Representative: Curtis, Philip Anthony et al A.A. Thornton & Co., 235 High Holborn London WC1V 7LE (GB)

- (54) Expandable well screen
- (57) An expandable well screen (36) provides increased collapse, torsional and tensile strength. In an embodiment, the expandable well screen (36) includes a generally tubular base pipe (38) and an external filtering media (40). The well screen (36) is configured to have sufficient torsional and tensile strength for conveyance and positioning in a wellbore, while also having sufficient strength to prevent collapse when the screen (38) is radially expanded.

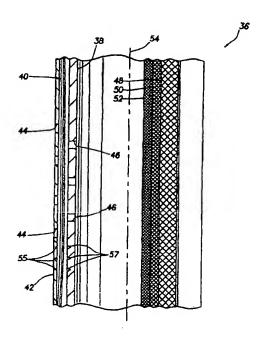


FIG.2



EUROPEAN SEARCH REPORT

EP 01 30 4042

	DOCUMENTS CONSIDE		,	ļ
Category	Citation of document with Inc of relevant passa	tication, where appropriate, ges	Relevant to daim	CLASSIFICATION OF THE APPLICATION (IRLCI.7)
X	FR 2 771 133 A (DRIL 21 May 1999 (1999-05 * claim 1 * * figures 6,7 *	LFLEX) -21)	1,9	E21843/10 E21843/08
х	US 3 099 318 A (MILL 30 July 1963 (1963-0 * column 7, line 29- * figures 1-4 *	ER MONTGOMERY K ET AL) 7-30) 32 *	1,9	
x	WO 98 49423 A (SHELL RESEARCH (NL)) 5 November 1998 (199 * page 4, line 28-35 * figures 3,4 *	CANADA LTD ;SHELL INT 8-11-05)	7	
A	US 5 901 789 A (KENT AL) 11 May 1999 (1999 * the whole document	9-05-11)	1,3,5, 7-10	
				TECHNICAL FIELDS
ļ				E21B
		·		
	The present search report has bee	_ (}	
	THE HAGUE	Date of completion of the search		Exeminer
X: partice Y: partice Y: partice docum A: facha-	TEGORY OF CITED DOCUMENTS ulterly relevant if taken alone starty relevant if combined with another left of the same cetegory plogical background written disclosure	T: Ineary or principle E: earlier patent document class in D: document class in L: document class in A: member of the sai	underlying the in iment, but public the application other reasons	hed on, or

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 30 4042

This annex lists the patient family members relating to the patient documents ched in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

19-04-2002

Patent docume cited in search re	ent aport	Publication date		Patent family member(s)	Publication date
FR 2771133	A	21-05-1999	FR	2771133 A1	21-05-1999
			AÜ	1159199 A	07-06-1999
			WO	9925951 A1	
				3323331 KI	27-05-1999
US 3099318	A	30-07-1963	NONE		
₩0 9849423	Α	05-11-1998	AU	717503 B2	30-03-2000
			AU	7651798 A	24-11-1998
			BR	9809005 A	08-08-2000
			MO	9849423 A1	05-11-1998
			EP	0980462 A1	23-02-2000
			NO	995248 A	27-10-1999
JS 5901789	A	11-05-1999	AU	710745 B2	30-09-1999
			AU	7568096 A	29 - 05 - 1997
			BR	9611456 A	17-02-1999
			DE	69617258 D1	03-01-2002
			EA	980433 A1	29-10-1998
			WO	9717524 A2	
			EP	0859902 A2	15-05-1997
			ĴΡ	11514712 T	26-08-1998
			NO	982087 A	14-12-1999
			NZ	322015 A	07-07-1998
			ÜS	6012522 A	28-10-1999
				0012522 M	11-01-2000
		•			
				•	

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82